



# LAUNCHING THE ORCID SERVICE FOR GLOBAL AUTHOR IDENTIFICATION

Universidad de Oviedo

16 de noviembre de 2012



Consol García  
ORCID Outreach Working Group  
<https://orcid.org/0000-0001-8085-0088>

Thanks to Laure L. Haak, ORCID Executive Director  
<http://orcid.org/0000-0001-5109-3700>

# Topics

- ✓ What is ORCID? Benefits
- ✓ The ORCID Registry. How it works
- ✓ The launch (launch partners)
- ✓ Workflows
- ✓ Conclusions



# ORCID

ORCID is an ***international, interdisciplinary, open, and not-for-profit*** organization created for the benefit of all stakeholders, including ***research organizations, research funders, publishers, and researchers***

We aim to transform the research ecosystem by providing a ***registry of persistent unique identifiers for researchers and scholars*** and ***automating linkages to research objects*** such as publications, grants, and patents.

# Did we need it?

- ✓ Are these two names referring to the same person?
- ✓ Who is collaborating? inventing?
- ✓ Why do I have to re-enter this data every time I move?
- ✓ How can we accurately benchmark research strengths and impact?
- ✓ How do we keep our repository up to date?
- ✓ How can we find reviewers?
- ✓ How can we track people who participated in our programs?

Yes, we did

# Facing the challenge

- Enlist all sectors in data collection and standards effort
- Adopt definitional standards within and across data sources and types
- Apply unique ID to person records across data sources and types

# The Problem: Connecting Research with Researchers

Without a way to discretely identify those participating in research across disciplines, organizations, and countries, **the research community lacks the ability to accurately and easily identify and link researchers and scholars with their professional activities.**

# Benefits

- ✓ Supports researcher disambiguation - if ORCID adopted broadly can improve name search accuracy
- ✓ Can be linked with processes to automate repository deposition
- ✓ Reduces reporting burden for researchers and improves accuracy of research outcomes analysis
- ✓ Cross-organization visibility can enable collaborative analysis

# ORCID Phase I System

- ✓ Researcher self-claim, delegated management, and institutional record creation
- ✓ Fine-grained control of privacy settings
- ✓ Data exchange into grant and manuscript submission systems, and other identification/profile systems such as Scopus, RePEc, Researcher ID, and VIVO
- ✓ ORCID ID resolution and metadata search via GUI and REST API



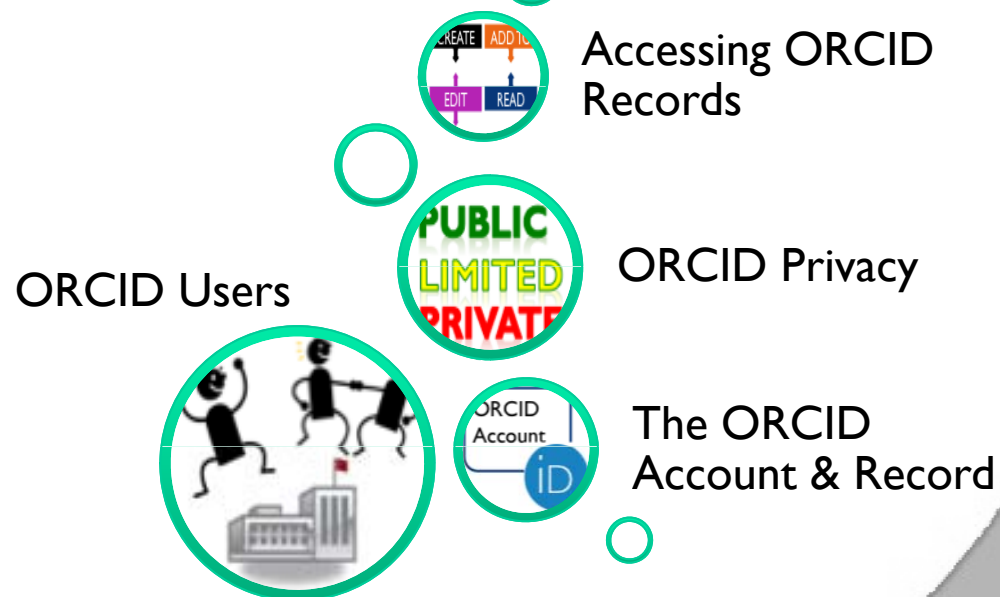


# The ORCID

<https://orcid.org/0000-0001-8085-0088>

- 16-digit number
- Expressed as an HTTP URI
- Compatible with ISO 277729 standard
- Last character is a checksum  
(ISO/IEC 7064:2006, MOD 11,2)

# Understanding the ORCID Registry

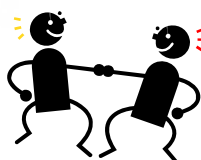


# ORCID Users



## The Scholar/Researcher

*Individual for whom the ID and Record are created and maintained*



## Proxy(ies)

*Individual(s) assigned by the Researcher to edit the ORCID Record on the Researcher's behalf (through the website)*



## Trusted Organization(s)

*Organizations assigned by the Researcher to view, edit or add to the ORCID Record on the Researcher's behalf (through the API)*

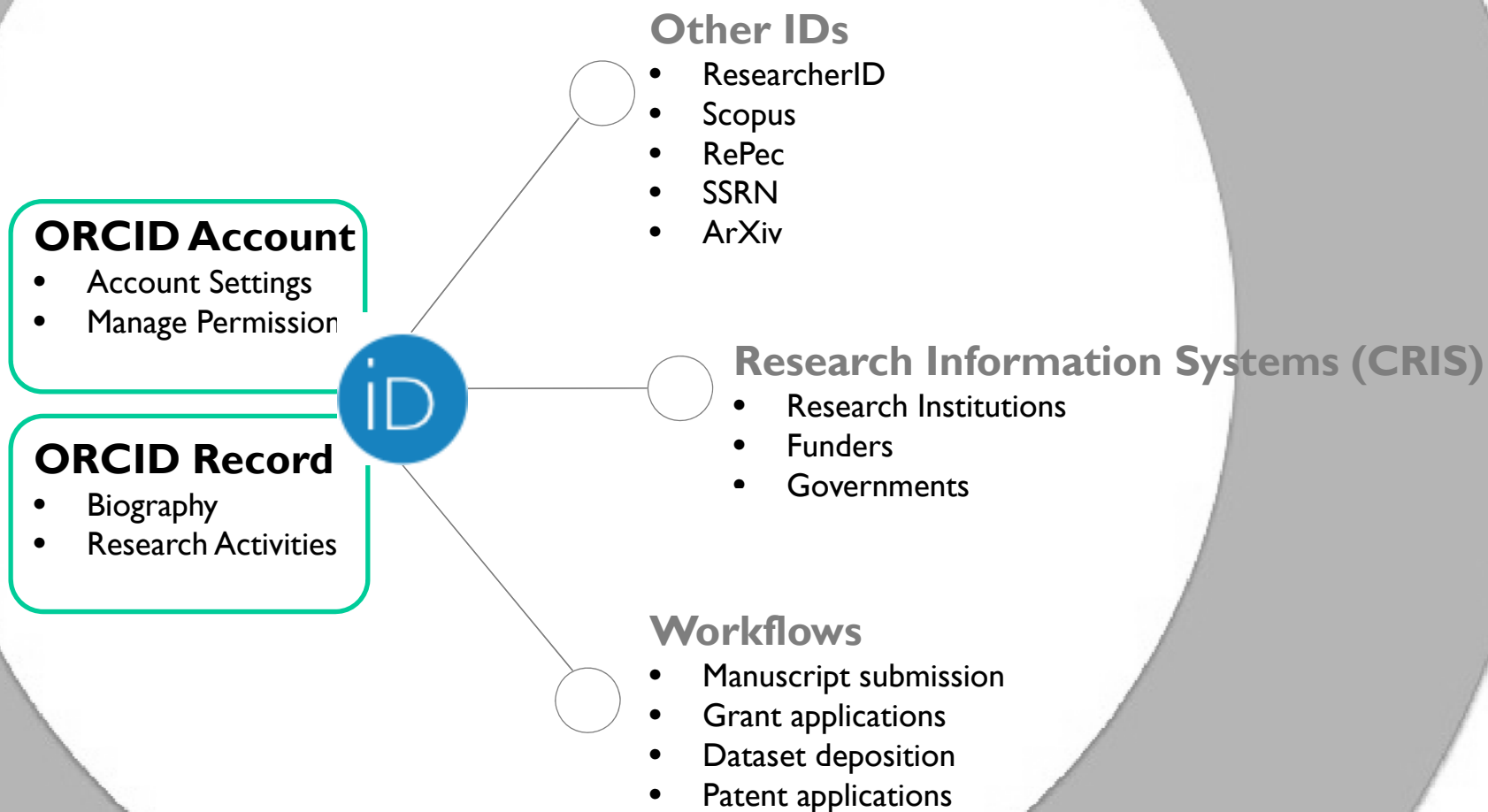


## The ORCID Account Owner

*The Researcher. If an institution creates an ID, could serve as account owner.*



# The ORCID Registry





# ORCID Privacy

Account owner (or proxy) establishes privacy settings in ORCID Record.

## **PUBLIC**

*Accessible by anyone*

## **LIMITED**

*Accessible by Account Owner, Proxy(ies), Trusted Organization(s)*

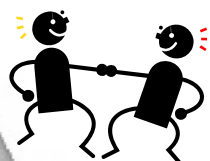
## **PRIVATE**

*Accessible by Account Owner, Proxy(ies)*

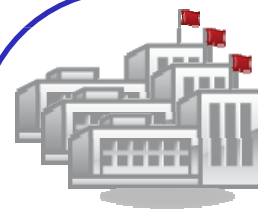
# Accessing ORCID records



Scholar/Researcher  
**From the Website**



**From the Website**



Trusted Organizations  
**From the API**



*CREATE permission:*  
granted by ORCID only if employer



*EDIT permission:*  
one time **ONLY** for short term;  
granted at time of edit



*APPEND permission:*  
one time **ONLY** for short term;  
granted at time of addition



*READ permission:*  
granted until revoked by user



*Permissions at launch– to be extended over time*



# ORCID APIs

## **Public/Tier 1 API**

- No token or registration needed
- Can only access data marked as public
- Can only READ

## **Member/Tier 2 API**

- Registration and token needed
- With permission, can access data marked as limited
- Can READ, EDIT, APPEND. For employer institutions, it is also possible to CREATE



# October launch

## For Individuals

- Public Registry – Anyone can create an ORCID ID and search the Registry
- Anyone can create an ORCID Record, link ID to other identifier schemes and synch data, and enhance ID with information on research activities

## For Member Organizations

- Updated APIs / XML
- Create IDs for employees and students
- Trusted relationship management to share information





# ORCID Launch Partners

American Physical Society  
AVEDAS  
Cal Tech  
Elsevier  
Figshare  
KNODE  
SafetyLit  
Thomson Reuters  
Wellcome Trust

Aries Systems  
Boston University  
CrossRef  
Faculty of 1000  
Hindawi  
Nature Publishing Group  
Symplectic  
Total-Impact

# ORCID Users and Members

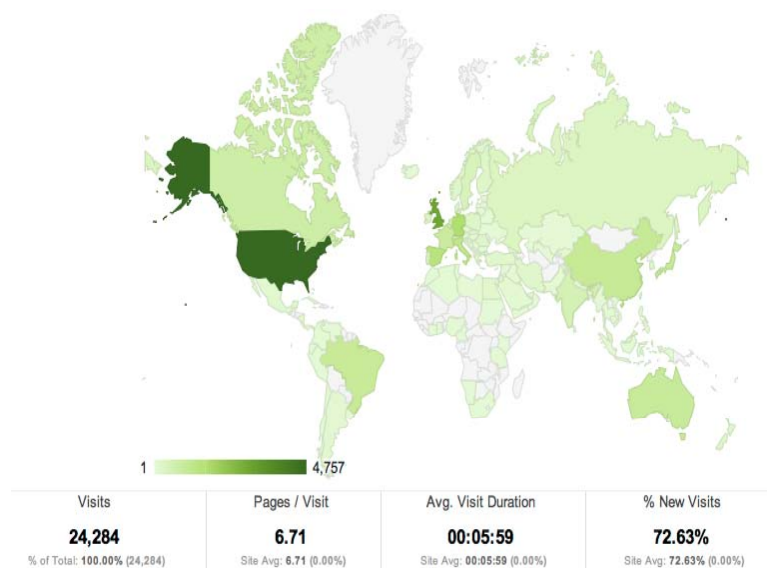
Two weeks after the launch...

**8,395** registered users (5 nov)

**17,000** (14 nov)

**13** member organizations (funders, research organizations, publishers, and third-party developers)

# ORCID Users and Members



Country / Territory	Visits	↓
1. <a href="#">United States</a>	4,757	
2. <a href="#">United Kingdom</a>	2,920	
3. <a href="#">Germany</a>	1,656	
4. <a href="#">Spain</a>	1,419	
5. <a href="#">Italy</a>	1,160	
6. <a href="#">China</a>	996	
7. <a href="#">Brazil</a>	970	
8. <a href="#">Australia</a>	946	
9. <a href="#">Japan</a>	939	
10. <a href="#">France</a>	850	

## Example Workflows

1. Linking to other ID and importing publications
2. Linking to author record
3. Embedding in manuscript submission
4. Consuming ORCID data
5. Creating ORCID IDs for employees

# I. Linking to other IDs



SEARCH

**ORCID**  
Connecting Research and Researchers

**FOR RESEARCHERS** | **FOR ORGANIZATIONS** | **ABOUT** | **HELP** | **SIGN OUT**

MY ORCID RECORD | ACCOUNT SETTINGS | SIGN OUT

**Myriam Lipovsky**  
0000-0002-5387-9288  
0000-0002-5387-9288  
[View Public ORCID Record](#)

**IMPORT RESEARCH ACTIVITIES**

**Personal Information** [UPDATE](#)  
Biography  
No biography added yet.

**Affiliations** [COMING SOON](#) | **Works** [UPDATE](#) | **Grants** [COMING SOON](#)

**Scopus to ORCID**  
has asked for the following access to your ORCID record

[Read limited info from your profile](#)

[Add an external identifier to your profile](#)

This application will not be able to see your ORCID password, or other private info in your profile

[Deny](#) [Authorize](#)

**Scopus to ORCID**  
Import your Identifier, profile and publications. The wizard helps you find the correct Scopus profile and to confirm your publications. You can then import the identifier and list of publications into ORCID. Any changes you make will be submitted to the Feedback team to update your Scopus profile.

1. Click on "Import" on ORCID Record Page
2. Select external ID to link to ORCID (not shown)
3. Approve data transfer



Scopus

ORCID

1 | [Select profiles](#)

2 | [Select profile name](#)

3 | Review publications

4 | Review profile













5 | Send Author ID

6 | Send publications

## Review your authored publications

Please indicate below which of the 14 publication are authored by you.

Sort by Date (Newest)

 	Document Title	Author(s)	Date	Source Title
 	<b>Melatonin: Physiological and pathophysiological aspects and possible applications   Melatonine: Fysiologische en pathofysiologische aspecten en mogelijke toepassingen</b> <a href="#">View in Scopus</a>	Lipovsky, M.M., Bühring, M.	2006	Nederlands Tijdschrift voor Geneeskunde 150 (50) , pp. 2786
 	<b>Declining number of patients with cryptococcosis in the Netherlands in the era of highly active antiretroviral therapy</b> <a href="#">View in Scopus</a>	Van Elden, L.J.R., Walenkamp, A.M.E., Lipovsky, M.M., Reiss, P., Meis, J.F.G.M., De Marie, S., Dankert, J., Hoepelman, A.I.M.	2000	AIDS 14 (17) , pp. 2787
 	<b>A case of disseminated infection with Pichia ohmeri</b> <a href="#">View in Scopus</a>	Matute, A.J., Visser, M.R., Lipovsky, M., Schuitemaker, F.J., Hoepelman, A.I.M.	2000	European Journal of Clinical Microbiology and Infectious Diseases 19 (12) , pp. 971
 	<b>Cryptococcal glucuronoxylomannan delays translocation of leukocytes across the blood-brain barrier in an animal model of acute bacterial meningitis</b> <a href="#">View in Scopus</a>   <a href="#">Show abstract</a>	Lipovsky, M.M., Tsenova, L., Coenjaerts, F.E.J., Kaplan, G., Cherniak, R., Hoepelman, A.I.M.	2000	Journal of Neuroimmunology 111 (1-2) , pp. 10
 	<b>Azole-therapy failure in HIV-infected patients with mucosal candidose; risk-factors and in-vitro susceptibility   Falende azol-therapie bij HIV-positieve patienten met mucosale candidose; risicofactoren en in-vitrogevoeligheid</b> <a href="#">View in Scopus</a>   <a href="#">Show abstract</a>	Van der Flier, M., Van Elden, L., Borleffs, J.C.C., Lipovsky, M.M., Visser, M.R., Hoepelman, I.M.	1999	Nederlands Tijdschrift voor Medische Microbiologie 7 (1) , pp. 14



# Scopus ORCID

1 | [Select profiles](#)

2 | [Select profile name](#)

3 | [Review publications](#)

4 | [Review profile](#)

5 | **Send Author ID**

6 | [Send publications](#)

## Send the Scopus ID to ORCID

Thank you for checking and correcting your profile. Your Scopus ID is now ready to be sent to ORCID. Any changes you have made will also be submitted to the Scopus Feedback Team for correction on Scopus.

If you have additional information to help complete the profile corrections, please enter it here.

E-mail\*

Please enter your institutional or professional email address (e.g. name@university.edu).

Confirm E-mail\*

Additional information:

[back](#)

**Send Author ID**

1 | [Select profiles](#) 2 | [Select profile name](#) 3 | [Review publications](#) 4 | [Review profile](#) 5 | [Send Author ID](#) 6 | [Send publications](#)

## Scopus Author ID submitted

Your Author ID has been sent to ORCID. However, before we can send your publication list we must ask your permission. If you wish to send your list of publications to ORCID, please continue to the next step. Alternatively you can return to ORCID.

[return to ORCID](#) | [Send my publication list](#)

### Scopus Feedback

[Terms and Conditions](#)  
[Privacy Policy](#)  
[Cookie Policy](#)

Copyright © 2012 Elsevier B.V. All rights reserved. Elsevier B.V. Cookies are set by this site.

### Scopus to ORCID

has asked for the following access to your ORCID record

[Add a publication to your publications list](#)

This application will not be able to see your ORCID password, or other private info in your profile

[Deny](#)

[Authorize](#)

## Scopus documents submitted

Thank you for your request. We have now also sent your publication list to ORCID.

The Scopus Author Feedback Team

[return to ORCID](#)

### Scopus Feedback

[Terms and Conditions](#)  
[Privacy Policy](#)  
[Cookie Policy](#)



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Dear consol garcia,

Thank you for registering for an ORCID account.

You can manage your ORCID record at <http://orcid.org/0000-0001-8085-0088>

To confirm your email address, copy and paste this link into your browser:

<http://orcid.org/verify-email/eXhMNzFYVm52OTI3VUs4NVE1VO1TTEcOZX1CbVN4TXQ>

The ORCID identifier is intended to help link you with your research works and activities. You may include your ORCID ID in processes such as manuscript submission and grant applications and synchronize the data in your ORCID record with other identifiers and external systems. You may add or edit data in your ORCID record, adjust privacy settings, and select trusted parties with whom to share your data.


If you have any questions about the registration process, please contact the ORCID support team at [support@orcid.org](mailto:support@orcid.org). Please note that the sending email address cannot accept replies.

=====

Kind Regards,  
The ORCID Team  
[support@orcid.org](mailto:support@orcid.org)  
<http://orcid.org>



## 2. Link Author Record to ORCID



Hindawi Publishing Corporation

Johannes W. Dietrich   Update My Account   Logout

Author Activities

### Update Account

Use the following [page](#) to link your MTS account to an existing or a new ORCID account.

Basic Account Information (All fields marked with (\*) are required fields)

*Given names	<input type="text" value="Johannes W."/>
*Last name	<input type="text" value="Dietrich"/>
Suffix	<input type="text"/>
Title	<input type="text" value="Dr"/>
*Email	<input type="text" value="johannes.dietrich@ruhr-uni-bochum.de"/>
*Affiliation	<input type="text" value="Bergmannsheil University Hospitals"/>
*Country	<input type="text" value="Germany"/>

Change Password

Your Current Password	<input type="password"/>	Your New Password	<input type="password"/>	Confirm Your New Password	<input type="password"/>
-----------------------	--------------------------	-------------------	--------------------------	---------------------------	--------------------------

1. The user clicks the ORCID link to update their Author Account.

## SIGN IN

Email or iD

Password

Sign in

[Forgotten Password?](#)

## DON'T HAVE AN ID? REGISTER

First name  \*

Last name  \*

Email  \*

Re-enter email  \*

Password  \*

Re-enter Password  \*

☐ \* I consent to the [privacy policy](#) and [terms and conditions](#) of use, including allowing those who access the database to make commercial uses of the public data.

☐ Send me notifications about changes to my ORCID Record.

☐ Send me information about events ORCID is sponsoring and ORCID news.

Register

2. The user signs in or registers on ORCID

## Hindawi Manuscript Tracking System

has asked for the following access to your ORCID record

Read limited info from your biography

This application will not be able to see your ORCID password, or other private info in your profile

Deny

Authorize

## Hindawi Manuscript Tracking System

Hindawi's Manuscript Tracking System is used to manage the review process of Hindawi's 400+ open access journals.

3. The user authorizes Hindawi MTS client app to access ORCID data.



Author Activities

## Update Account

Basic Account Information (All fields marked with (\*) are required fields)

ORCID ID	<input type="text" value="0000-0002-1185-3549"/>
*Given names	<input type="text" value="Johannes W."/>
*Last name	<input type="text" value="Dietrich"/>
Suffix	<input type="text"/>
Title	<input type="text" value="Dr"/>
*Email	<input type="text" value="johannes.dietrich@ruhr-uni-bochum.de"/>
*Affiliation	<input type="text" value="Bergmannsheil University Hospitals"/>
*Country	<input type="text" value="Germany"/>

4. The user is redirected to Update Account page, now with ORCID ID displayed.

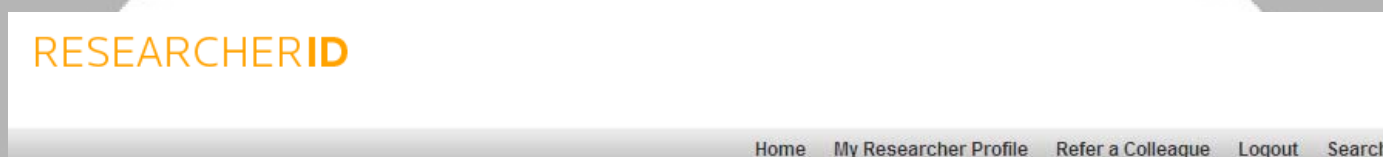
Coming....

- When an author publishes an article with Hindawi his/her list of publications on ORCID will be updated with the new article.
- Adding a Link pointing to the author public profile on ORCID, on our author pages.
- While submitting a paper an author will be able to search for his co-authors on ORCID.



# Researcher ID

RESEARCHERID



Garcia, Consol [Get A Badge](#) [ResearcherID](#) [Labs](#) [Your labs page and badge show only your public data](#) [Manage Profile](#)

ResearcherID: B-9276-2009

Other Names:

E-mail: [consol.garcia@upc.edu](mailto:consol.garcia@upc.edu)

URL: <http://www.researcherid.com/rid/B-9276-2009>

Subject: [Enter a Subject](#)

Keywords: [Enter a Keyword](#)

ORCID: <http://orcid.org/0000-0001-8085-0088>

Description: [Enter a Description](#)

My URLs:

My Institutions [\(more details\)](#)

Primary Institution: Universitat Politecnica de Catalunya UPC

Sub-org./Dept:

Role: Librarian

Joint Affiliation:

Sub-org./Dept:

Role:

Past Institutions:

SEARCH

ORCID

Connecting Research  
and Researchers

**Consol Garcia**

0000-0001-8085-0088

**Published name:**

Garcia, Consol

[View Public ORCID Record](#)

UPDATE [↑](#)

**Also known as:**

Garcia G., Consol

Garcia, G.C.

Garcia-Gomez, C.

Garcia Gomez, Consol

**Other IDs:**

Scopus Author ID 55176733900

[Import Research Activities](#)

SCOPUS ID



### 3. Integration in manuscript submission process

nature.com : Sitemap Cart : Login : Register

**nature.com**

**Register now!**

Registering for a free nature.com account allows you to select research articles, and more. Your account will allow you to a subscription. Please see our [privacy policy](#) and use of cookies.

**Fields marked with a \* are required.**

Create/link an Open Researcher and Contributor ID (ORCID)

**\* Name**

**\* E-mail address**   
A confirmation email will be sent to this address

**\* Password**  Password Strength ☐ ☐ ☐ ☐ ☐  
8 character minimum

**\* Confirm password**

**\* Terms and conditions** ☐ \* I agree to the terms and conditions ([Printable version](#))  
Nature Terms and Conditions  
These Terms and Conditions ("Terms") apply to the Nature.com website and all other websites operated by Nature Publishing Group (the "Site") including, by way of example, Nature, Nature News, Nature Reviews, Nature Portfolio, and Nature Communications.

**Registration benefits**

1. Saved searches
2. Free articles and content
3. Free subscription newsletters to your favorite products

On nature.com and in NPG eJournal Press manuscript submission system users can create or link to an ORCID ID. Clicking on “create” takes a user to ORCID Registry.



ORCID

Connecting Research  
and Researchers

SEARCH



FOR RESEARCHERS

FOR ORGANIZATIONS

ABOUT ORCID

HELP

MY ORCID RECORD

ACCOUNT SETTINGS

SIGN IN AS A PROXY

LOGOUT

ORCID End User License Agreement

1. Register on ORCID
2. Authorize data transfer

✕ Decline

✓ Agree

3. After authorization ORCID is attached in  
NPG database and is not editable by user

## Profile

Open Researcher and Contributor ID

ORCID

0000-0003-0766-8655

Profile

Edit





## 4.Apps that consume ORCID data

The screenshot displays the ImpactStory website interface. At the top left is the 'ImpactStory.' logo. To its right are navigation links: 'create', 'about', 'follow', 'register', and 'log in'. A blue 'BETA' badge with the text 'Send us your feedback!' is positioned in the top right corner. The main content area features a large heading 'Tell the full story of your research impact.' followed by a subtext: 'ImpactStory aggregates altmetrics: diverse impacts from your articles, datasets, blog posts, and more.' Below this is a prominent blue button labeled 'Make my impact report'. To the right of the button is a link that says 'or, show me a sample report'. A white box on the right side of the main area contains the text 'New! Have you registered for an ORCID ID yet? Create an ImpactStory report using' followed by the 'ORCID' logo. The bottom of the page has a section titled 'We track impact across the Web:' followed by a row of logos for various sources: citeulike, crossref, delicious, DRYAD, F1000 FACULTY1000, facebook, github, MENDELEY, ORCID, PLOS, PubMed Central, PubMed, ScienceSeeker, Scopus, slideshare, and WIKIPEDIA.

**ImpactStory.** create about follow register log in **BETA** Send us your feedback!

**Tell the full story of your research impact.**

ImpactStory aggregates **altmetrics**: diverse impacts from your articles, datasets, blog posts, and more.

**Make my impact report** or, show me a sample report

**New!** Have you registered for an ORCID ID yet? Create an ImpactStory report using **ORCID**

We track impact across the Web:

citeulike crossref delicious DRYAD F1000 FACULTY1000 facebook github MENDELEY ORCID PLOS PubMed Central PubMed ScienceSeeker Scopus slideshare WIKIPEDIA





## Import Articles from ORCID

Just enter your **ORCID ID** (for example, *0000-0001-5109-3700*). We'll import the public **publication Works** associated with your ORCID record.

If you don't have an ORCID ID yet, it only takes a few minutes to **register for one** and automatically add your publications to it.

ImpactStory only imports **public** publications. If your Works are currently listed in your ORCID profile as "limited" or "private", you can change them to "public" on your **ORCID Works update** page.

We currently only import Works with dois — stay tuned for more work types soon!

**ImpactStory.**

[create](#) [about](#) [follow](#) [register](#) [log in](#)

create collection

Articles from ORCID

0000-0001-5109-3700

12 items added

[\(Click here for help\)](#)

### article

**Frequency-dependent regulation of rat hippocampal somato-dendritic excitability by the K<sup>+</sup> channel subunit Kv2.1**

(2000) Du, Haak, Phillips-Tansey et al. *J Physiology*

highly saved

**Modulation of photic response by the metabotropic glutamate receptor agonist t-ACPD**

(2006) Haak, Albers, Mintz *Brain Research Bulletin*

saved

cited

**Standards and Infrastructure for Innovation Data Exchange**

(2012) Haak, Baker, Ginther et al. *Science*

saved

**Career Q&A: Laurel Haak and the ORCID Project**

(2012) Austin *Science*

discussed

**Mitochondria regulate Ca<sup>2+</sup> wave initiation and inositol trisphosphate signal transduction in oligodendrocyte progenitors**

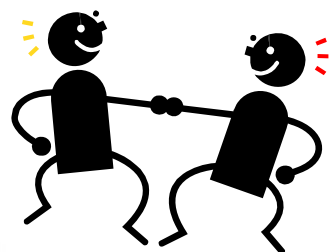
(2002) Haak, Grimaldi, Smalli et al. *J Neurochem*

cited

## 5. Creating ORCID IDs for Employees

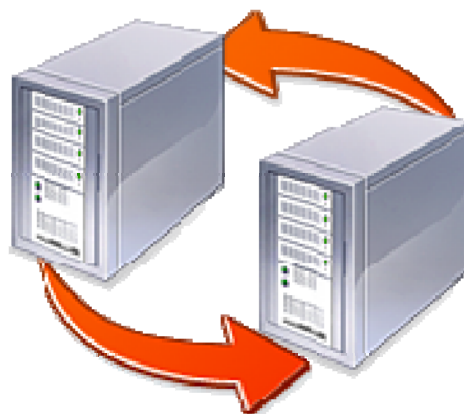
Organizations can spearhead ORCID ID/Record creation

1



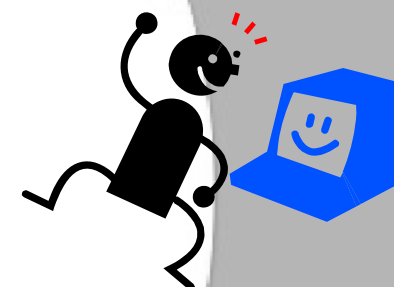
Get permission from Researchers via your own processes and policies

2



Gather information and create the ORCID ID/Record via the API

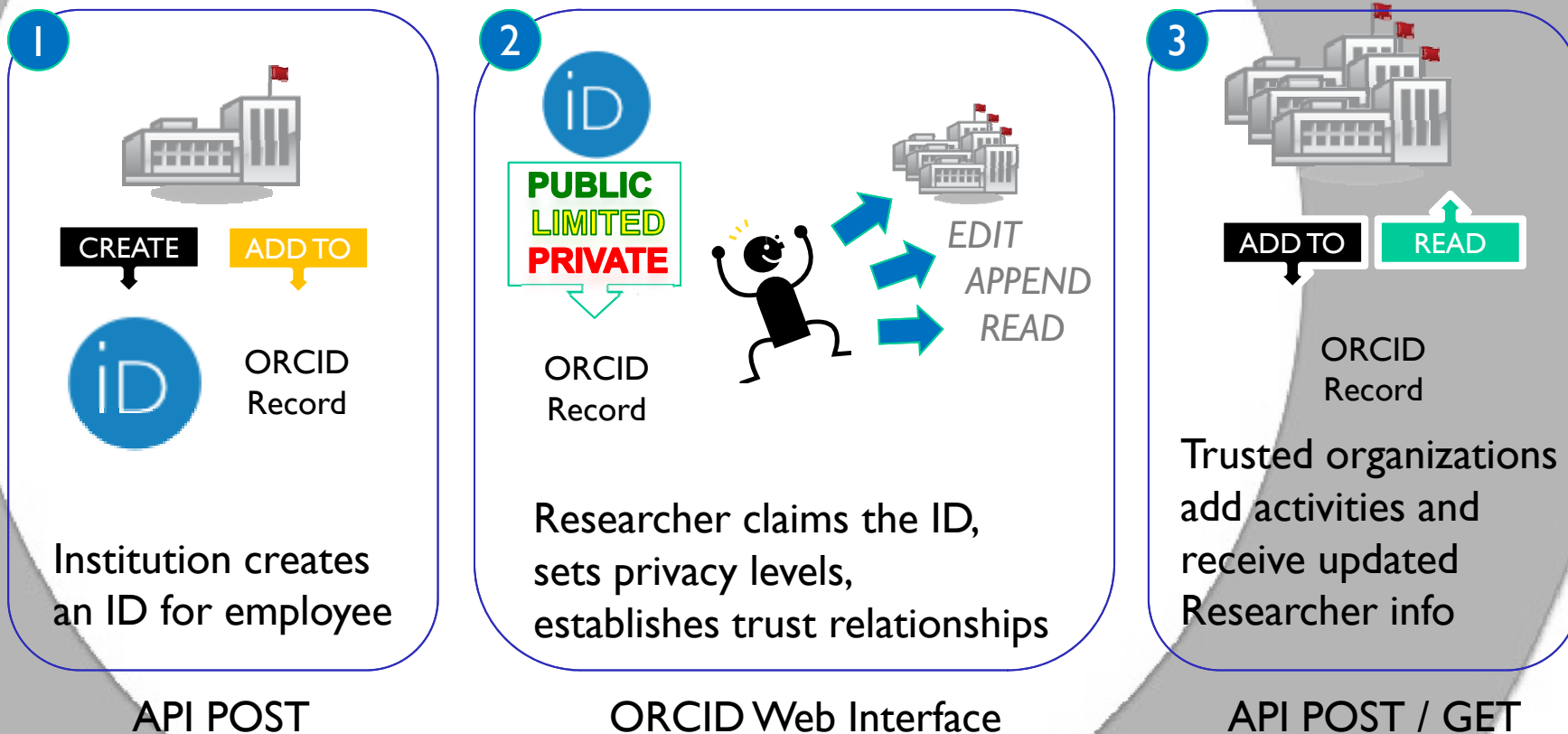
3



ORCID notifies researchers who can claim and manage their ID/Record

## Using the Member API: Privacy and Sharing

An ID created by an institution is claimed and managed by the Researcher



## Using the Member API: Trusted Parties

A Researcher establishes a trust relationship while at a member site

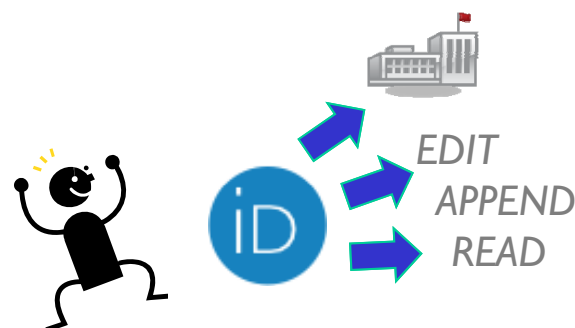
1



Member site asks  
for permissions  
from a Researcher

ORCID Widget  
OAuth 2.0

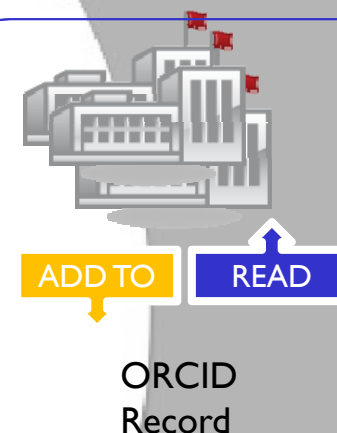
2



Researcher reviews the  
request and establishes  
trust relationships

ORCID Widget  
OAuth 2.0

3



Member site becomes  
trusted; may add  
activities and receive  
record updates

API POST / GET



ORCID

Connecting Research  
and Researchers

## CONNECTING Marine Biology Laboratory Woods Hole Oceanographic Institution (MBLWHOI) Library WITH YOUR ORCID



By authorizing this connection you will allow Marine Biology Laboratory Woods Hole Oceanographic Institution (MBLWHOI) Library to:

- ACCESS your ORCID Record including Public and Limited-access data
- ADD External IDs to your ORCID Record
- ADD Research Activities to your ORCID Record
- EDIT your ORCID Record

Marine Biology Laboratory Woods Hole Oceanographic Institution (MBLWHOI) Library will not have permission to:

- ACCESS information in your ORCID Record marked as Private

[Read ORCID's Privacy Policy](#)

### Publications

A Methodology for the Emulation of Architecture  
*Journal of Psychoceramics*, 1987

Limited

Developing Thin Clients Using Amphibious Epistemologies  
*Journal of Psychoceramics*, 2002

Limited

### Grants

XXXXXXXXXXXXX  
XXXXXXX, 2002

Limited

### Affiliations

Department of Psychoceramics, Brown University, USA  
DPhil, Psychoacoustics  
2000 – 2003

Limited

Back

Allow

# ORCID Research Organization Workflow

- Create trans-organization record for all scholars and researchers (students)
- Auto-updates for researcher publications, patents, grants, etc.
- Management of Institutional Repository
- Reduced document management workload for researchers

**Organization creates ORCID field in local personnel system**



- Organization uses Tier 2 API to upload basic information for staff member to ORCID

- ORCID system searches for matching records

- Organization prompted to resolve duplicates

- ORCID record creation notice sent to researcher

- Researcher logs into ORCID to claim ORCID record and accept organization as trusted party

**Organization set up to receive updates from ORCID**



# Need more information?

- Find out more about at <http://about.orcid.org/>
- Membership information at <http://about.orcid.org/membership/>
- Learn more about tools to embed ORCID IDs at <http://support.orcid.org/knowledgebase/articles/114746-explore-the-api-with-tools-and-consoles/>
- Learn more about development tools at <http://dev.orcid.org/>
- UML Flow Diagram <http://goo.gl/9w1B>
- Technical Support <http://support.orcid.org/>
- Follow @ORCID\_Org on Twitter and ORCID news blog
- Contact the ORCID Executive Director at [l.haak@orcid.org](mailto:l.haak@orcid.org)

## Conclusions

Researchers must see the benefit of creating ORCID<sup>s</sup>

Incorporate metadata into the Registry to enable future dissambiguation efforts

Better bibliographic data /XML

Data extractions/statistics

CRIS must embed ORCID<sup>s</sup>, synchronize and update research activity data